



EU Type Examination Certificate

Certificate No: BABT-RED000581 i01

Certificate Holder: em-trak Marine Electronics Ltd
Westfield Industrial Estate
Wireless House
Midsomer Norton
Bath
BA3 4BS
UNITED KINGDOM

Product Type: Marine Radio Equipment
AIS Aid to Navigation (AtoN) Station Type 1

Model(s): BUOY-TRACKER: 418-0066

We, as Notified Body number 0168, have examined the technical documentation and supporting evidence for the above listed equipment and found it to comply with the requirements of Annex III Module B of Radio Equipment Directive 2014/53/EU in relation to the following essential requirements covered by the examination

Essential Requirements: Article 3.2 in respect of the use of Radio Spectrum
Article 3.3 in respect of certain categories or classes

This is based upon examination of the following Technical Data file.
Please refer to the Annex for further technical details.

Technical Data: Technical Documentation: AtoN Express RED TCF Index v1

Valid from: 2017-10-25 (Stephen Milliken)

Renewal Date: 2022-10-24

This certificate has been issued in accordance with the Certification Regulations of TUV SUD BABT (Notified Body Number 0168) and constitutes page 1 of the combined Certificate and Annex.

The CE marking may be used on the equipment described above subject to the equipment meeting the compliance requirements of all applicable EU directives.

The Conditions for the validity of this certificate are listed in the Annex.
For further details related to this certification please contact BABT@TUV-SUD.co.uk

Issued by TUV SUD BABT under document number RED6 17 10 76491 014

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Annex to EU-Type Examination Certificate

1 Equipment Description

AIS Aid to Navigation

1.1 Models

	Model	HW Version	SW Version
Original	418-0066	V9	090200.01

1.2 Supported Functions and Features

1.2.1 Non-radio features

Data port: RS232

1.2.2 Radio features

Radio	Features	Operating Spectrum / Power	
VHF GMSK	AIS receiver	156.025 – 162.025	Receive only
GNSS (GPS / GLONASS)	-	1559 – 1610	Receive only

1.3 Associated Parts

Model/Part Number	Description
300-0102	Configuration Charger Assembly
418-0031	External Power Box
300-0094	Bracket Assembly
301-0056	Cable Assembly USB to USB Mini
301-0093	Cable Assembly Power and Data

2 Assessed Standards

Article 3.2	Article 3.3
IEC 62320-2 : 2016 IEC 61108-1:2003 IEC 60945: 2008	IEC 62320-2 : 2016

Annex to EU-Type Examination Certificate

3 Technical Documentation

3.1 Technical Documentation

Technical documentation and supporting evidence were examined and found to comply with the EU-type examination requirements in conjunction with Annex V requirements of the directive.

3.2 Declarations

Declaration of Conformity	Dated	2017-10-24
Difference between models declaration v1A	Dated	2017-10-23

3.3 Strategic Documentation

AtoN Express RED Compliance Strategy V1	Issued	2017-09-19
AtoN Express Risk Register v1	Issued	2017-09-19
AtoN Express Product Version Register v1.pdf	Issued	2017-09-19

3.4 Technical Compliance Documentation

3.4.1 Article 3.2

75925174 Report 01	Issued	2014-06-06
75925174 Report 04	Issued	2014-06-05
75916710 Report 01	Issued	2013-03-06
BSH/46121/4142197/12	Issued	2013-03-13
B882TR1	Issued	2012-02-02

3.4.2 Article 3.3

75916710 Report 01	Issued	2012-03-28
BSH/46121/4142197/12	Issued	2012-02-24

4 Additional Information

None

Signature: _____

Date: _____ 2017-10-25

On behalf of TÜV SÜD B A B T